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- ☐ Advanced

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- ☐ Journals & Magazines
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- ☐ Standards

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- ☐ By Author
- ☐ Basic
- ☐ Advanced

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- ☐ Standards

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- ☐ Basic
- ☐ Advanced

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Micromechatronics and Human Science, 1998. MHS '98. Proceedings of the 19 International Symposium on , 25-28 Nov. 1998

Pages:189 - 194

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Devendra Naniwadekar

February 1988 **Proceedings of the 1988 ACM sixteenth annual conference on Computer science**Full text available: pdf(100.53 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

MINIX is an operating system written by Andrew S. Tanenbaum and is very much like UNIX Version 7. It uses the same system calls and even the shell is functionally identical to that of UNIX. It is written in C language and Intel 8088 assembly language. MINIX has all the functionalities of an operating system namely, process manager, I/O manager, device driver, state saver, inter-process communication, memory manager and file manager, user interface, utilities and timing service. M ...

2 Dynamic software updating

Michael Hicks, Jonathan T. Moore, Scott Nettles

May 2001 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 2001 conference on Programming language design and implementation**, Volume 36 Issue 5Full text available: pdf(1.44 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Many important applications must run continuously and without interruption, yet must be changed to fix bugs or upgrade functionality. No prior general-purpose methodology for dynamic updating achieves a practical balance between flexibility, robustness, low overhead, and ease of use.

We present a new approach for C-like languages that provides type-safe dynamic updating of native code in an extremely flexible manner (code, data, and types may be updated, at programmer-determined times ...

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